



MEETING SUMMARY

**HANFORD ADVISORY BOARD
Budgets and Contracts Committee (BCC)**

February 10, 2021

Virtual Meeting via Teleconference and GoToMeeting

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<p><i>This is only a summary of issues and actions discussed at this meeting. It may not represent the fullness of represented ideas or opinions, and it should not be used as a substitute for actual public involvement or public comment on any particular topic unless specifically identified as such.</i></p>

Opening

Tom Galioto, Public-at-Large and BCC chair, welcomed meeting participants.

Stan Branch, US Department of Energy (DOE), announced that this meeting was being held in accordance with the Federal Advisory Committee Act.

The committee elected Tom Galioto as BCC chair and Emmitt Jackson as BCC vice chair for 2021. No other people were nominated to serve in either position.

The Hanford Site Five-Year Plan and DOE Cleanup Priorities 101

Ben Harp, DOE, and Brian Stickney, DOE, provided BCC members an overview of the changes to the Hanford Site Cleanup Plan. The intention was to provide information that could inform the development of the BCC draft advice on Hanford cleanup priorities.

Planned accomplishments were presented in three categories: Tank Waste Cleanup, Central Plateau Cleanup, and River Corridor Cleanup. These integrate with DOE's annual key performance goals, the Hanford Integrated Priority List, and budget formulation process.

Tank Waste Cleanup

For Tank Waste Cleanup in Fiscal Year 2020 (FY20), the following critical activities are complete:

- Tank-Side Cesium Removal (TSCR) pretreatment system delivery and installation
- All Low-Activity Waste (LAW) turnovers to startup
- Finalization of program and processes to qualify tank waste to meet waste acceptance criteria
- Reception of first immobilized LAW transporter
- Completion of Waste Treatment and Immobilization Plant (WTP) to the Liquid Effluent Retention Facility (LERF) transfer line tie in.

Two items remain to be completed: tank farm waste feed delivery upgrades and Effluent Treatment Facility (ETF) secondary waste upgrades.

Critical Activities in FY21 include:

- Transition of all WTP lab, LAW, and Balance of Facilities systems to commissioning, excluding the Effluent Management Facility (EMF)
- Completion of TSCR readiness to operate
- Completion of EMF construction
- Completion of scheduled LERF and ETF DFLAW upgrades
- Completion of construction on TX Farm surface barrier.

Future work includes:

- Completion of retrieval of AX-102 and AX-104 single-shell tanks (SSTs)
- Resumption of 242-A Evaporator operations
- Completion of WTP loss-of-power testing
- Commissioning EMF
- Startup of first and second LAW Facility melters
- WTP water test run
- Cold commissioning of LAW Facility with simulated tank waste

- Completions of the construction of LERF Basin 41
- Completion of LAW Facility Operational Readiness Review to authorize hot commissioning
- Initiation of Integrated Disposal Facility operations
- Initiation of hot commissioning of WTP LAW Facility and EMF
- Resumption of 242-A Evaporator operations
- Completion of AX Farm tank retrievals
- Initiation of A Farm tank retrievals
- Initiation of LAW waste treatment operations
- Completion of reconditioning of 230 kV transmission system
- Completion of construction of U Farm surface barrier
- Increase DFLAW operations to treatment capacity
- Resumption of WTP High-Level Waste Facility construction.

The enacted funding for the DOE Office of River Protection in FY20 was \$1,616,000,000. For FY21, the enacted funding was \$1,645,000,000.

Central Plateau Cleanup

For Central Plateau Cleanup in FY20, the following activities are complete:

- Plutonium Finishing Plant (PFP) crib stabilization
- Initiation of reduction-oxidation canyon cleanout
- Initiation of capsule storage area construction
- Completion of the Integrated Disposal Facility safety analysis, permitting, and upgrades to support Direct-Feed Low-Activity Waste (DFLAW)
- 200-BP-5 and 200-PO-1 Interim Record of Decision (ROD).

One item remains to be completed: completion and close out of the PFP to slab on grade.

Critical activities in FY21 include:

- Completion of capsule storage area construction
- Completion of Plutonium Uranium Extraction Plant removal action work plan
- Completion of 200 Area East sewer consolidations
- Completion of the overlay of the interior 200 East Area roads
- Installation of mobile office trailers in the 200 East Area.

Future work includes:

- Completion of the demolition preparation for the 224B facility
- Completion of construction of Waste Encapsulation Storage Facility modifications
- Installation of high-capacity fiber-optic lines to the Central Plateau
- Replacement of the 200 West Area potable water tank
- Initiation of the deactivation, decommissioning, decontamination, and demolition (D4) of the 224T facility
- Elimination of all IT services from Gable Mountain West
- Initiation of transfer of cesium and strontium capsules to the capsule storage area
- Submission of the conceptual design for contact-handled transuranic waste
- Replacement of single-circuit distribution poles.

River Corridor Cleanup

For the River Corridor Cleanup in FY20, the ROD for 100-BC Area has been obtained. Continuation of K Basin deactivation and removal of the 324 Building B-Cell floor are ongoing.

Critical activities in FY21 include:

- Completion of the K West Basin garnet-and-sand removal filter
- Submission of the 100-BC Area Remedial Design Report and Remediation Action Work Plan for regulatory review.

Future work includes:

- 100-N and 100-K Area RODs
- Continuation of K West Basin D4 process
- Continuation of advancement of 105-K East Reactor to Interim Safe Storage
- Completion of K-West Basin characterization and dewatering
- Submission of 100-K and N Area Remedial Design Report and Remedial Action Work Plans for regulatory review
- Replacement of 181B vertical turbine pumps
- Completion of Waste Site 300-296 remote excavation and 324 Building mortgage reduction.

The enacted funding for the DOE Richland Operations Office for FY20 was \$1,001,301,000. For FY21, the enacted funding was \$1,024,900,000.

Committee Discussion

Tom Galioto, Public-at-Large, asked if the DOE performance goals could be shared. DOE staff will check with its Communications staff to get a response to the question.

Pam Larsen, City of Richland, observed that funding for the cesium and strontium capsules seems to be missing for one of the years. She asked if the funding is continuous. DOE responded that there is funding for that work every year. Pam also asked about end state contracting for DFLAW and other tank farm operations, specifically if DOE Headquarters intends for that to be an end state contract. DOE responded that it has not going through the acquisition strategy yet.

Steve Wiegman, Public-at-Large, expressed his appreciation for this presentation. He asked when the HAB might see more information on scope and an integrated base line. DOE responded that it is still a work in progress.

Emmitt Jackson, Non-Union/Non-Management Employees, observed the lack of information in the presentation regarding workforce impacts, particularly related to contract transitions. DOE indicated that it did not bring workforce numbers to this meeting.

Tom Galioto observed the confusion about how low-level and high-level waste will be addressed in the construction and commissioning of WTP facilities. He asked if there is a significant difference in the facilities for DFLAW and for high-level waste. DOE explained that one DFLAW is running in FY23, most of the WTP facilities will be in readiness and operational mode, except those for high-level waste.

Emmitt Jackson asked if there is tribal involvement in the development of the overall budget and priority list. DOE responded that it has a public forum for tribes to provide input. Emmitt asked if that information could be shared with BCC and the HAB. Gary Younger, DOE, will look into this and get back to BCC with an answer.

Draft Advice on Cleanup Priorities for Fiscal Year 2023

Tom Galioto reviewed the draft advice, including additional comments collected from recent meetings of the River and Plateau and Tank Waste Committees.

As BCC members reviewed the advice line-by-line, minor revisions were made on screen by the facilitator, including the addition of references to links of past HAB advice and the HAB values white paper.

BCC approved the draft advice for consideration by the full HAB at its March meeting.

Committee Business

BCC members discussed the committee work plan. Two additions to the work plan were made:

- A request for a May working session on communication and sharing of Hanford budget information between DOE and BCC
- A request for an August BCC meeting focused on Hanford prime contracts and an assessment and discussion on end state contracting.

Attachments

Attachment 1: [Budgets and Contracts meeting agenda](#)

Attachment 2: [Hanford Site Cleanup Plan presentation](#)

Attachment 3: [BCC work plan](#)

Attachment 4: [Current HAB Issue Manager team list](#)

Attendees

Board Members and Alternates:

Shelley Cimon, Primary	Susan Coleman, Primary	Tom Galioto, Primary
Becky Holland, Primary	Emmitt Jackson, Primary	Susan Leckband, Primary
Liz Mattson, Primary	Mason Murphy, Alternate	Jacob Reynolds, Primary
Tom Sicilia, Alternate	Dan Solitz, Primary	Chris Sutton, Alternate
Bob Suyama, Primary	Steve Wiegman, Primary	Steve Anderson, Primary

Others:

Ben Harp, DOE	Ryan Miller, Ecology	Kelsey Shank
Brian Stickney, DOE	Ginger Wireman, Ecology	Abi Zilar

Gary Younger, DOE		Dana Cowley, HMIS
		Ashley Herring, ProSidian
		Ruth Nicholson, HAB facilitator

Note: Participants for this virtual meeting were asked to sign in with their name and affiliation in the chat box of GoToMeeting. Not all attendees shared this information, so the attendance list reflects what information was collected at the meeting.